

MODEL 5200

2" LARGE DISPLAY THERMOCOUPLE THERMOMETER

FEATURES

A large display LED Thermometers which is high accuracy microprocessor driven for use with thermocouple types K, T, R, S, N, J or E.

High accuracy microprocessor based instrument with a measurement range of -200 to +1780 C and an operating range of -30 to 50 C.

- *** C / °F Switchable
- *** Resolution of 0.1 to 1000°C Autoranging
- *** K, T, R, S, N, J or E THERMOCOUPLE TYPES
- *** Overrange / Open circuit sensor indication
- *** LED Display
- *** IP67 Waterproof Casing

SPECIFICATION

Environmental

AMBIENT OPERATING RANGE : 0 to 50 °C
 STORAGE TEMPERATURE RANGE : -40 to 50 °C
 HUMIDITY : 0 to 70% R.H.

ELECTRICAL

TABLE 1. Measurement ranges

	CELSIUS	FAHRENHEIT
K	-200 to 1372	-200 to 2501
T	-200 to 400	-200 to 752
J	-200 to 1200	-200 to 2192
R	0 to 1767	32 to 3212
S	0 to 1767	32 to 3212
N	-200 to 1200	-200 to 2192
E	-200 to 1000	-200 to 1832

Accuracy @ 23°C : ± 0.25% reading ±0.6°C
 Characterising errors : Less than 0.05°C
 Temperature coefficient : 0.01% of reading / °C
 Cold junction compensation : 0.0075 °C / °C
 Resolution : 0.1° autoranging 1° above 1000°
 Input voltage ranges : 240 V AC ±10% *
 : 110 V AC ± 10%
 : 9-30 V AC or DC *

* Option - specify at time of ordering

GENERAL

Dimensions : 7.28 x 8.38 x 4.45 inches (185 x 213 x 113mm)

Connections : Miniature / Standard T/C Connector

